

Figure 1

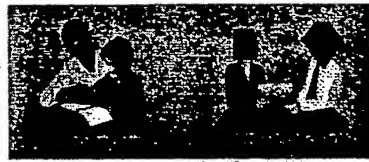


Figure ZA



Figure ZB



Figure ZC



Figure ZD

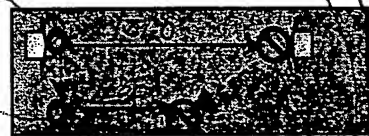


Figure ZE

Z10

Z20

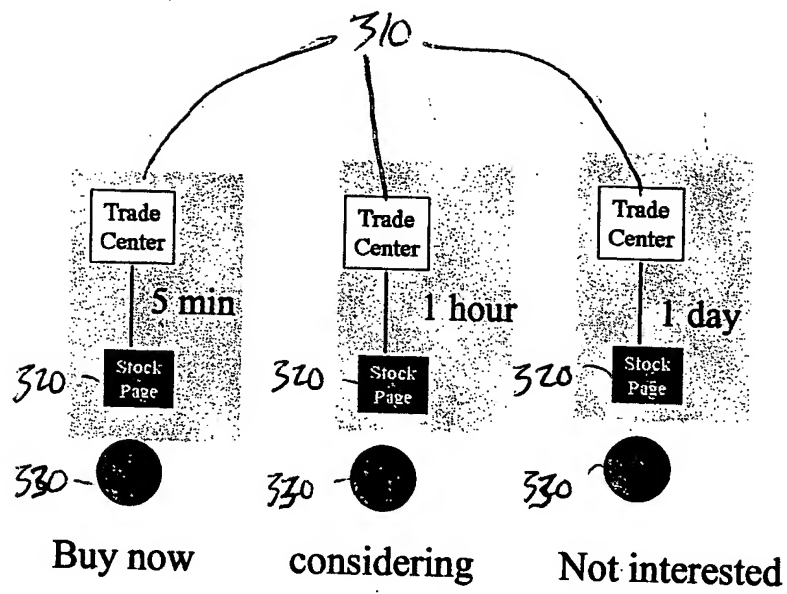


Figure 3.

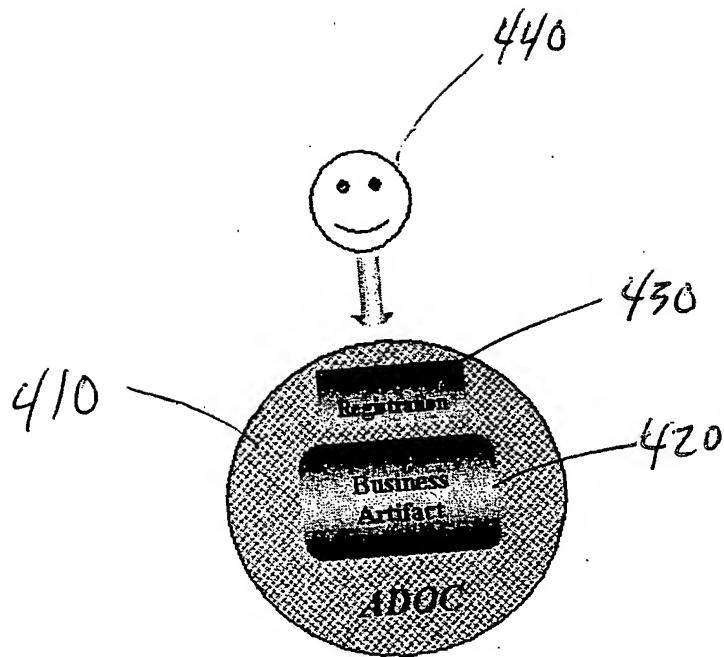


Figure 4

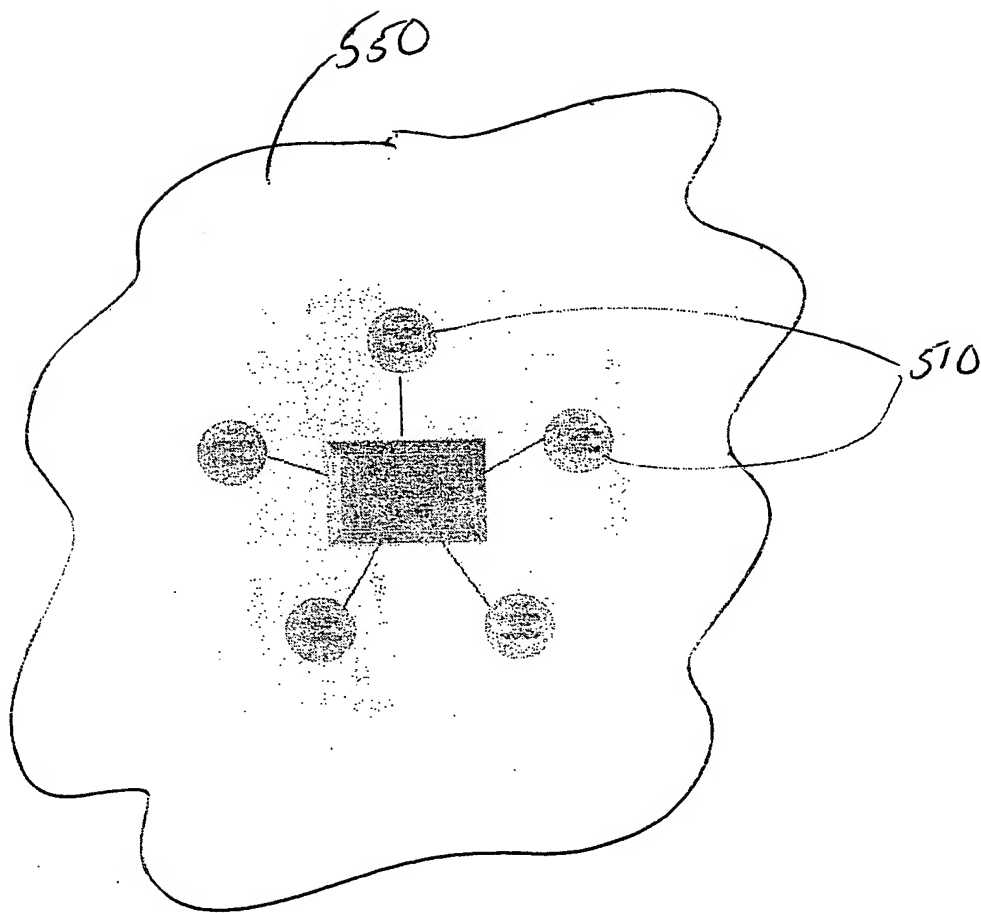


Figure 5

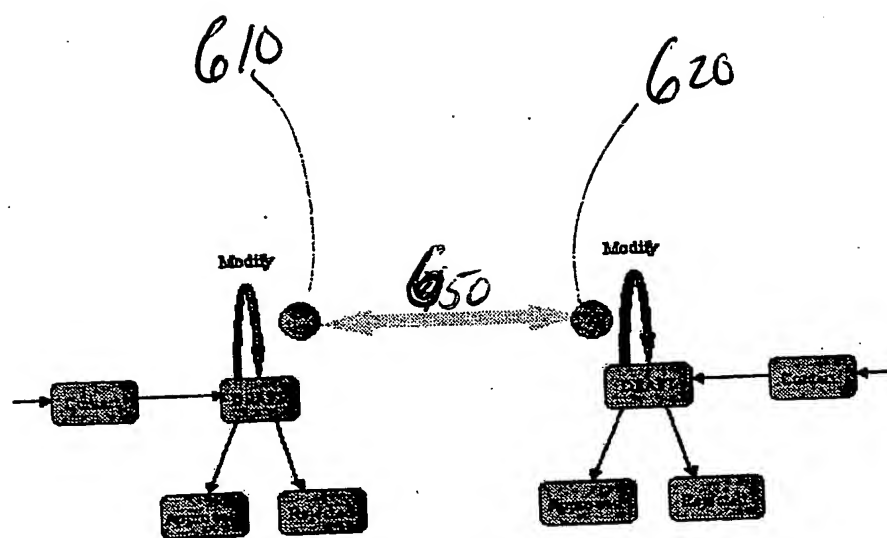
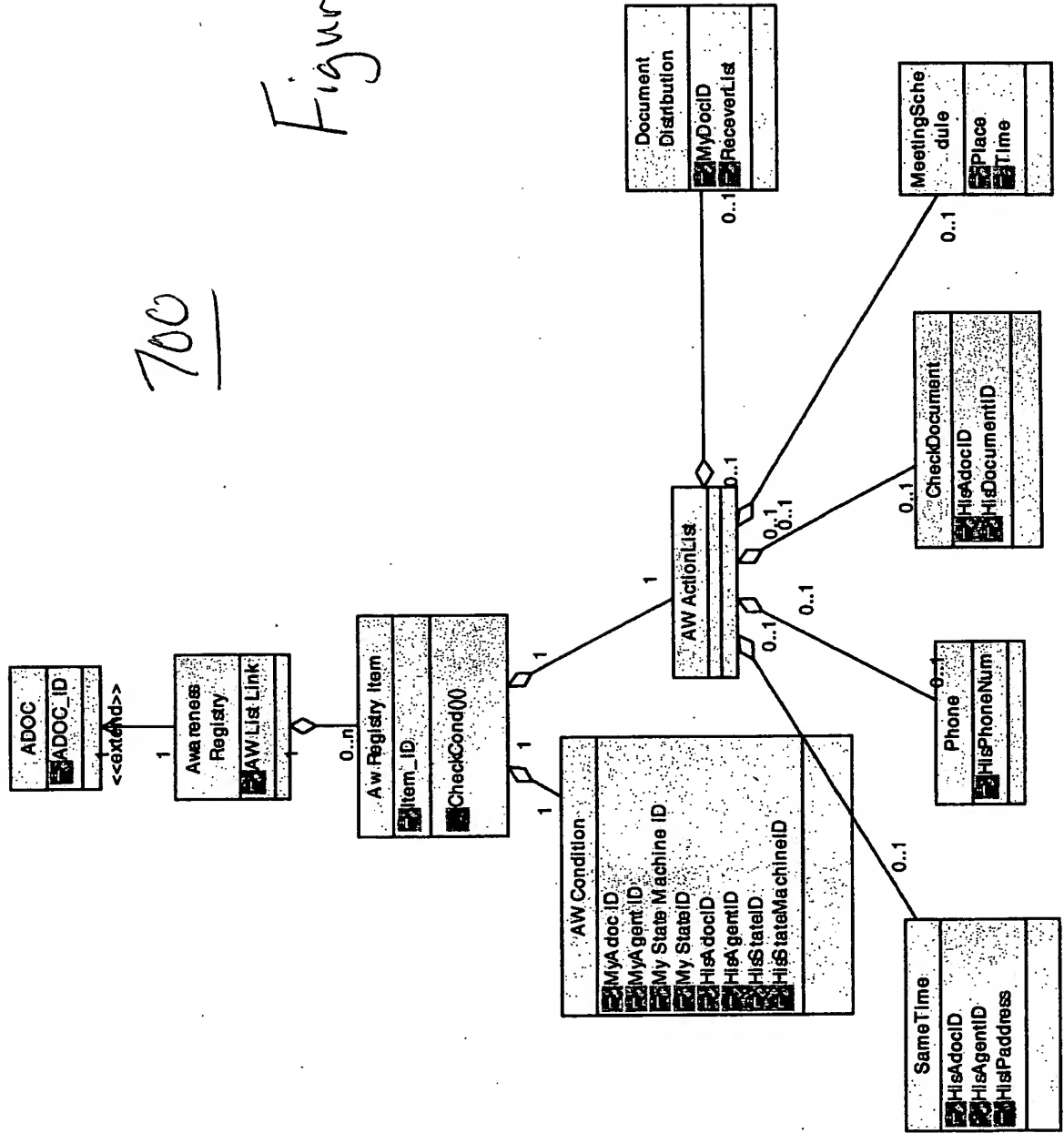


Figure 6

700

Figure 7



The screenshot shows the Microsoft Word 2003 application window. The title bar reads 'Microsoft Word - [Document1.doc]'. The menu bar includes File, Edit, Format, Tools, Window, and Help. The 'Tools' menu is open, displaying options such as Spell Checker, Spelling and Grammar, Language, AutoCorrect, AutoText, Indexing, Word Options, and Word Count. On the right side, the 'Task Pane' is visible, containing sections for 'Task Pane' (with 'Task Pane' and 'Task Pane' buttons), 'Task Pane' (with 'Task Pane' and 'Task Pane' buttons), and 'Task Pane' (with 'Task Pane' and 'Task Pane' buttons).

The screenshot shows a Windows 95 desktop with two windows. The left window is titled 'Calculator' and has the 'View' menu open, displaying options: 'Standard', 'Scientific', and 'Programmer'. The right window is titled 'Address Book' and displays a list of contacts. The contact 'Therese' is selected, and its details are shown in a form below the list. The details include a name field with 'Therese', an address field with 'PO Box 1, Titusville', a phone field with '800.555.1234', and an email field with 'therese@...'. The 'Address Book' window also has a 'View' menu open, showing options: 'Standard', 'Scientific', and 'Programmer'.

820



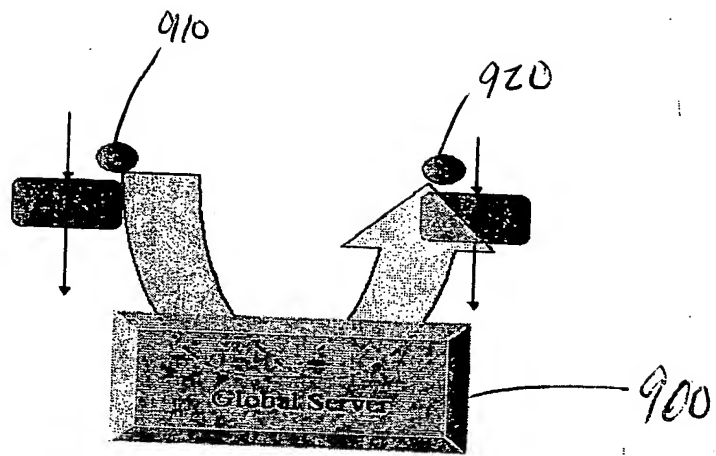


Figure 9

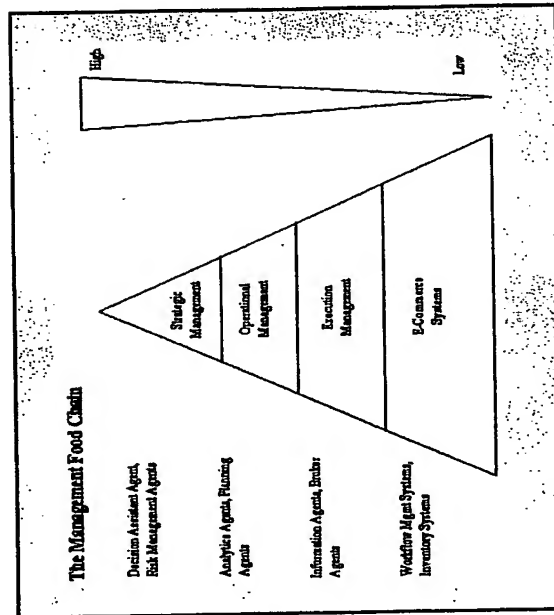


Figure 10A



Figure 10B

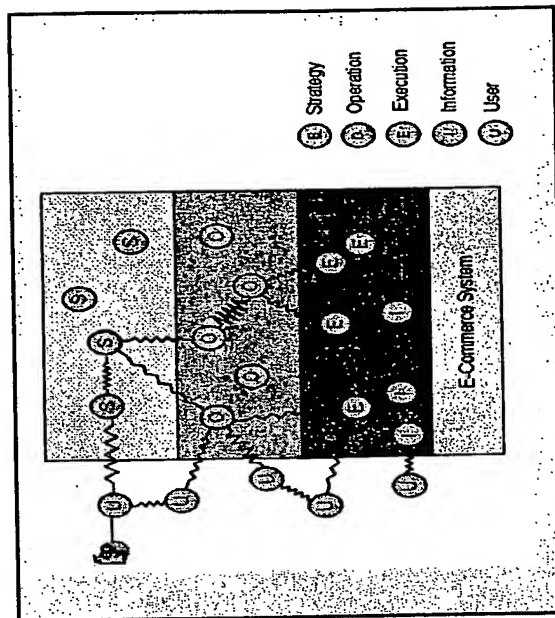


Figure 10C

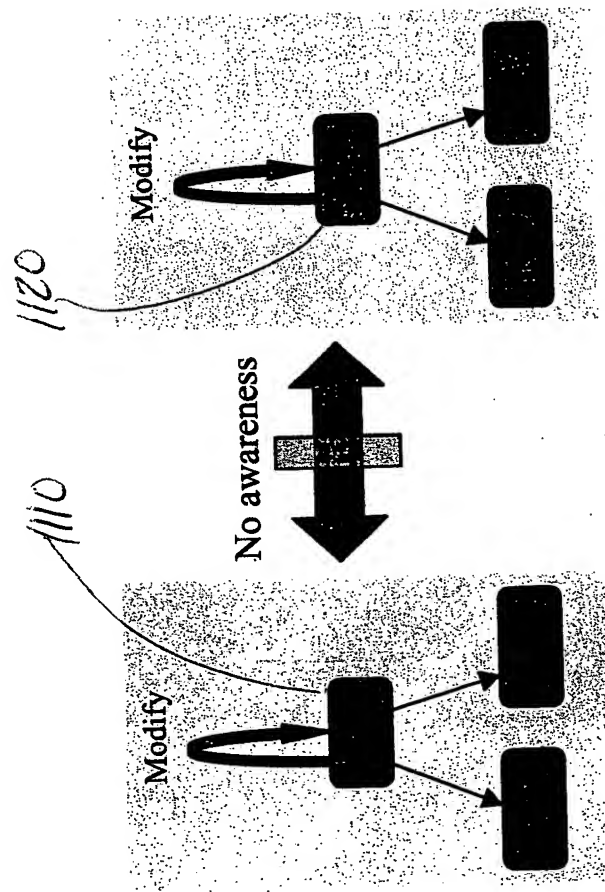


Figure 11

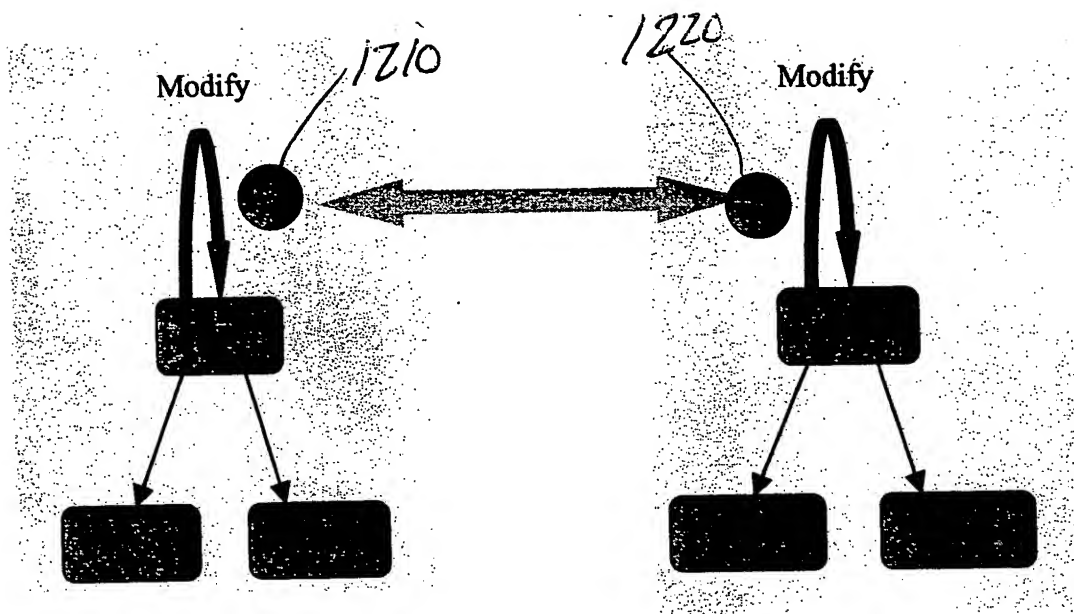


Figure 12

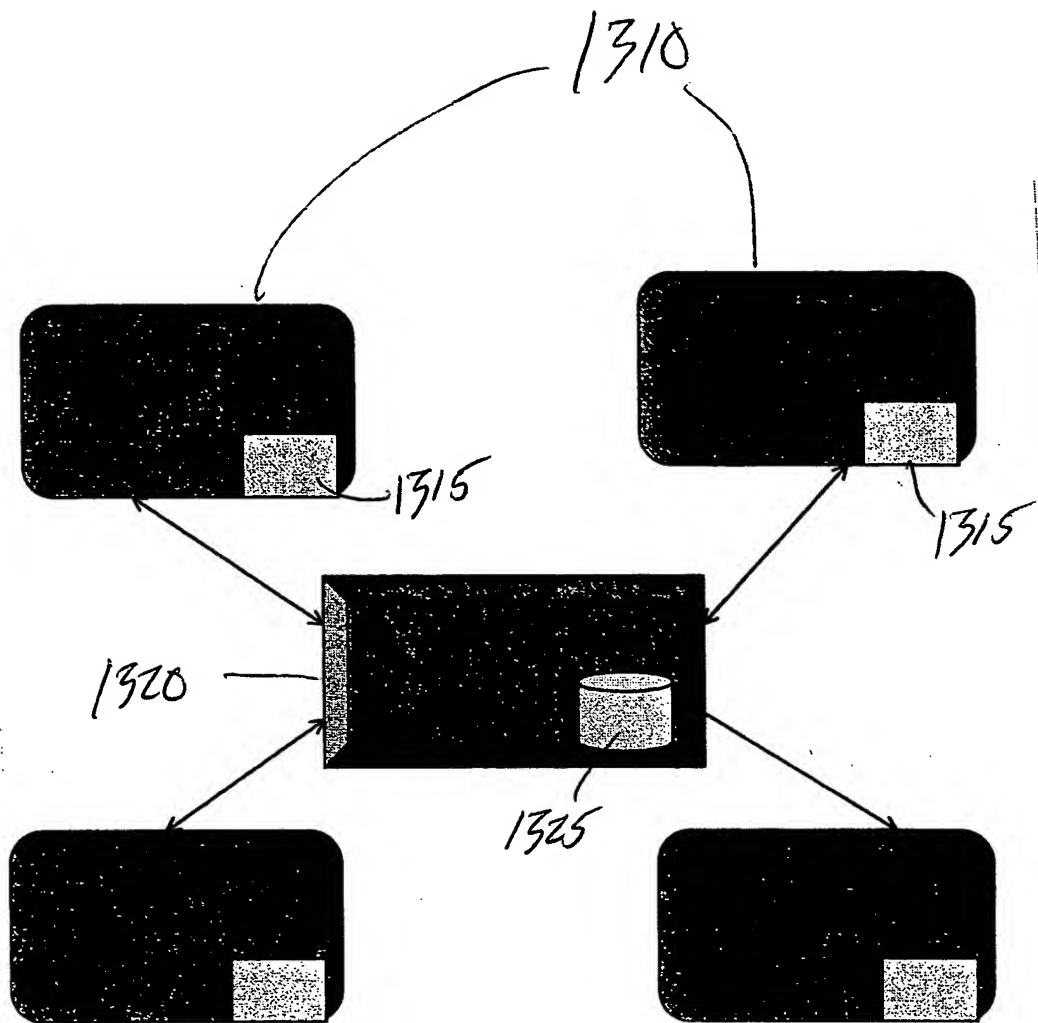


Figure 13

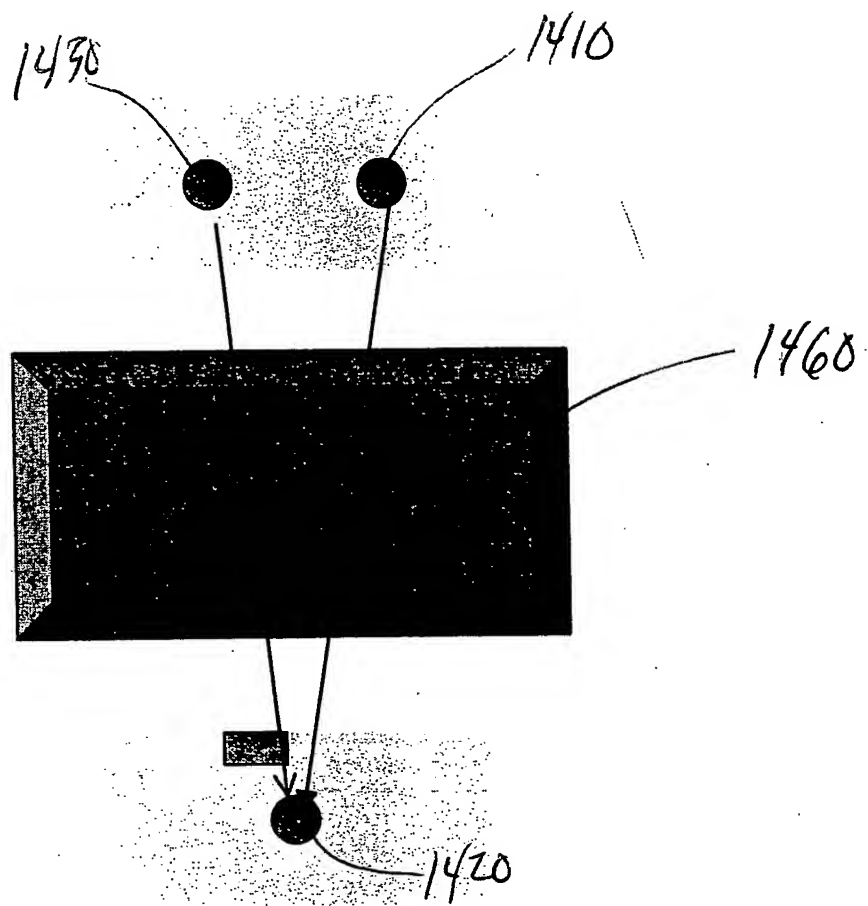


Figure 14

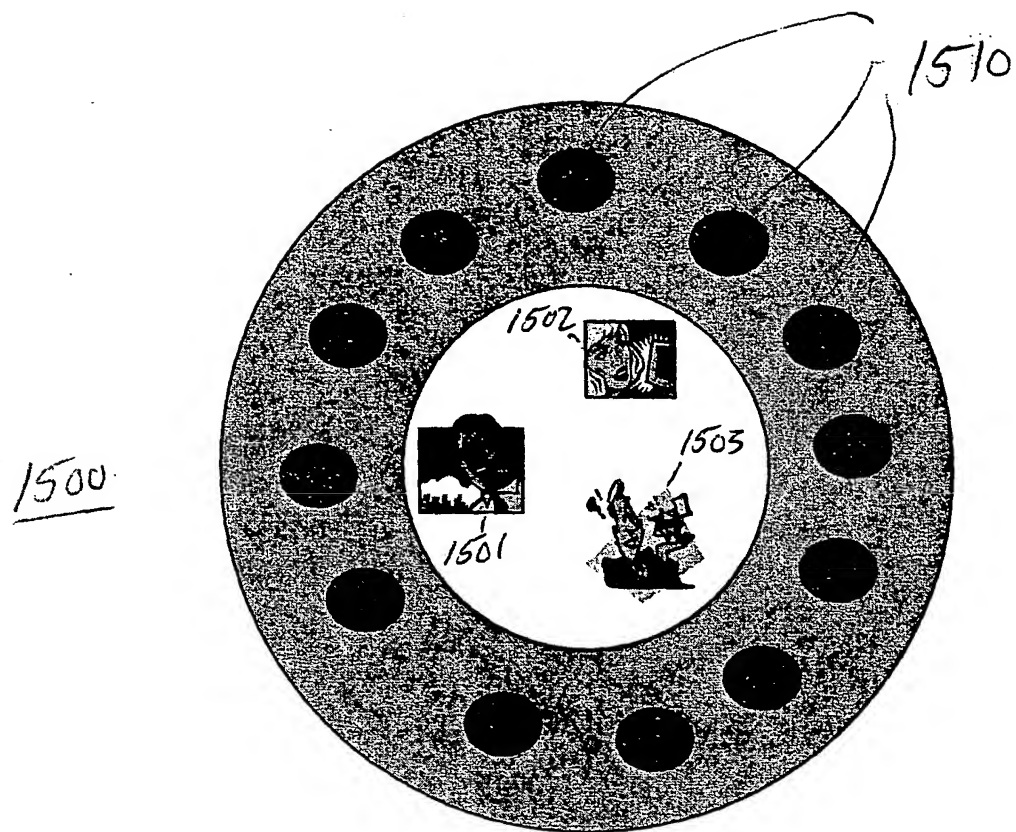


Figure 15A

Figure 15B

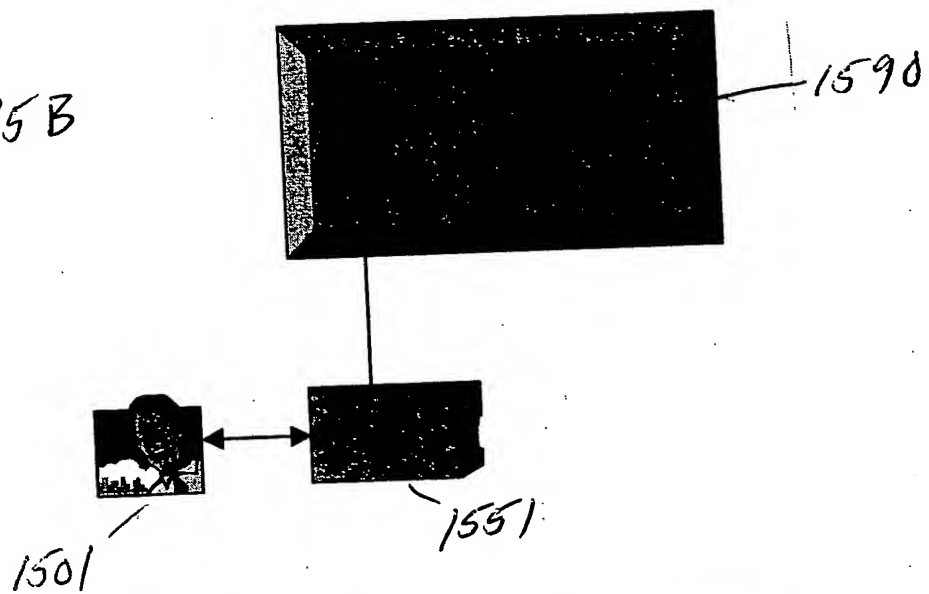


Figure 15C



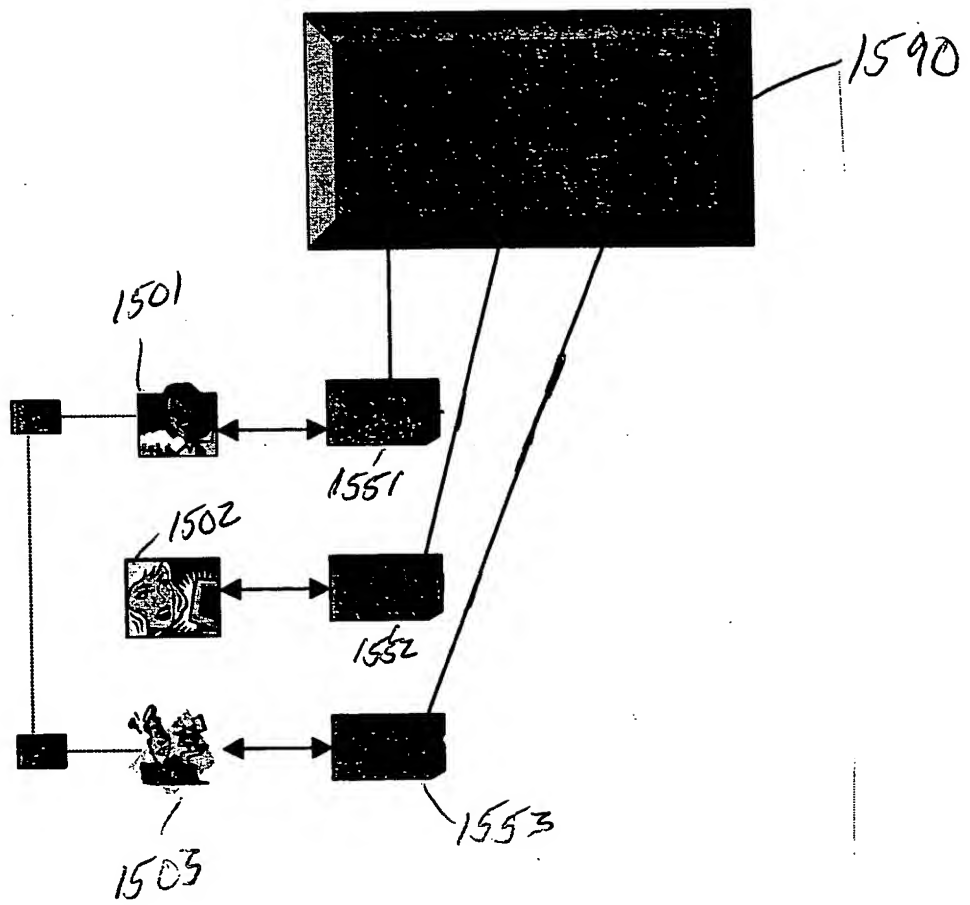


Figure 15D

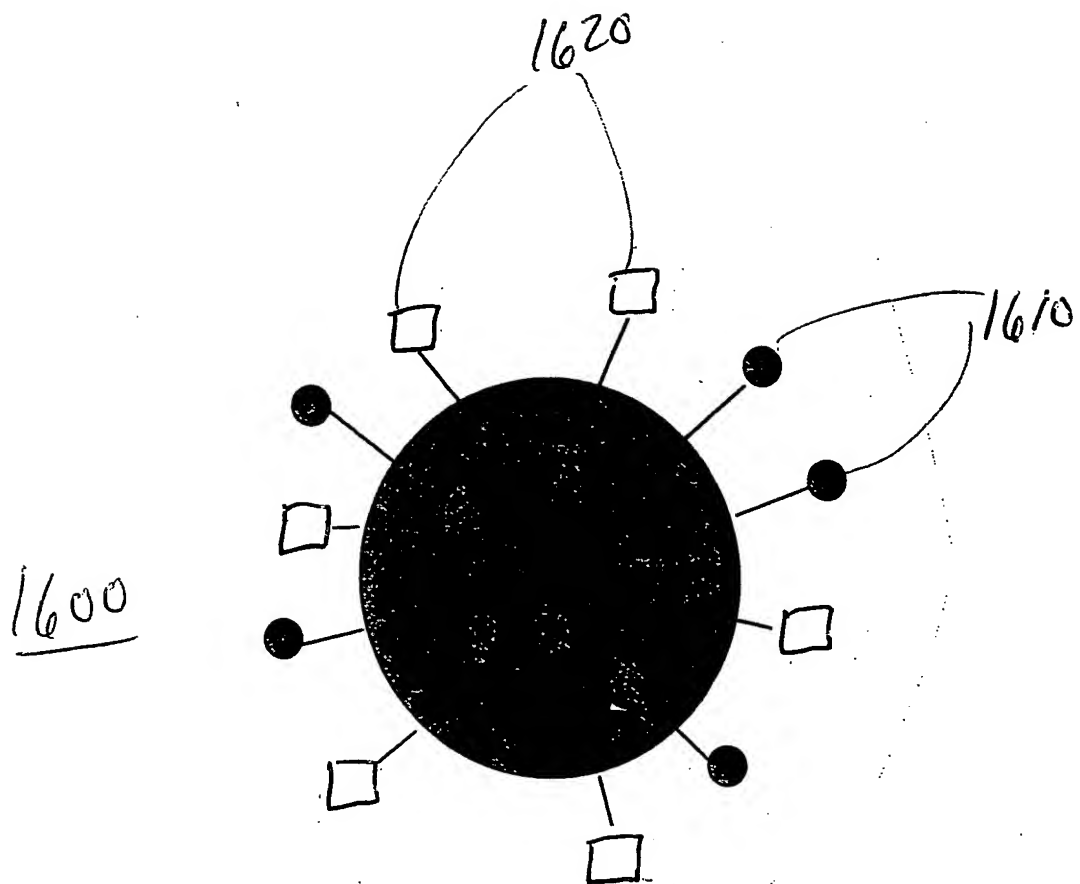


Figure 16.

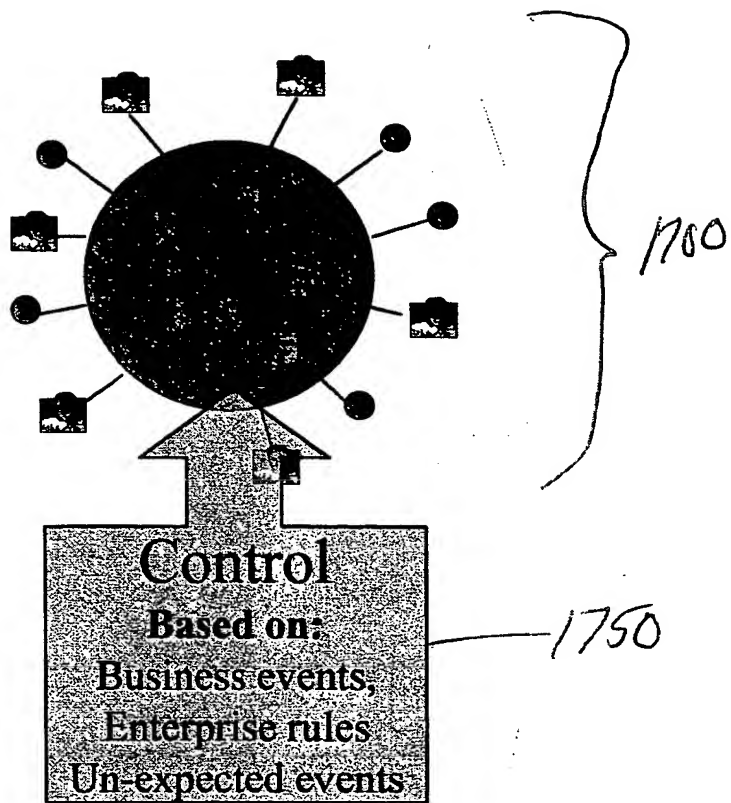


Figure 17

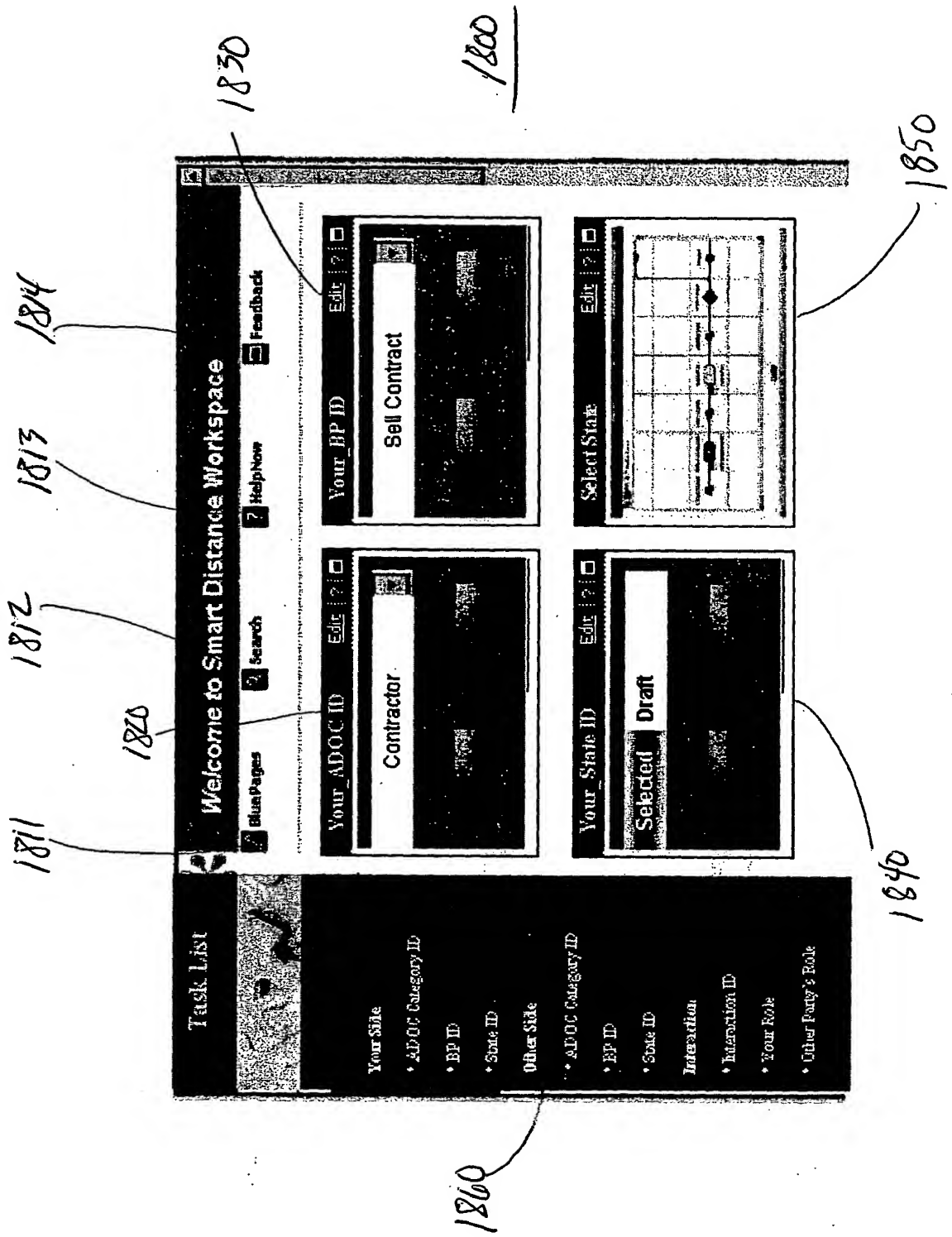


Figure 18

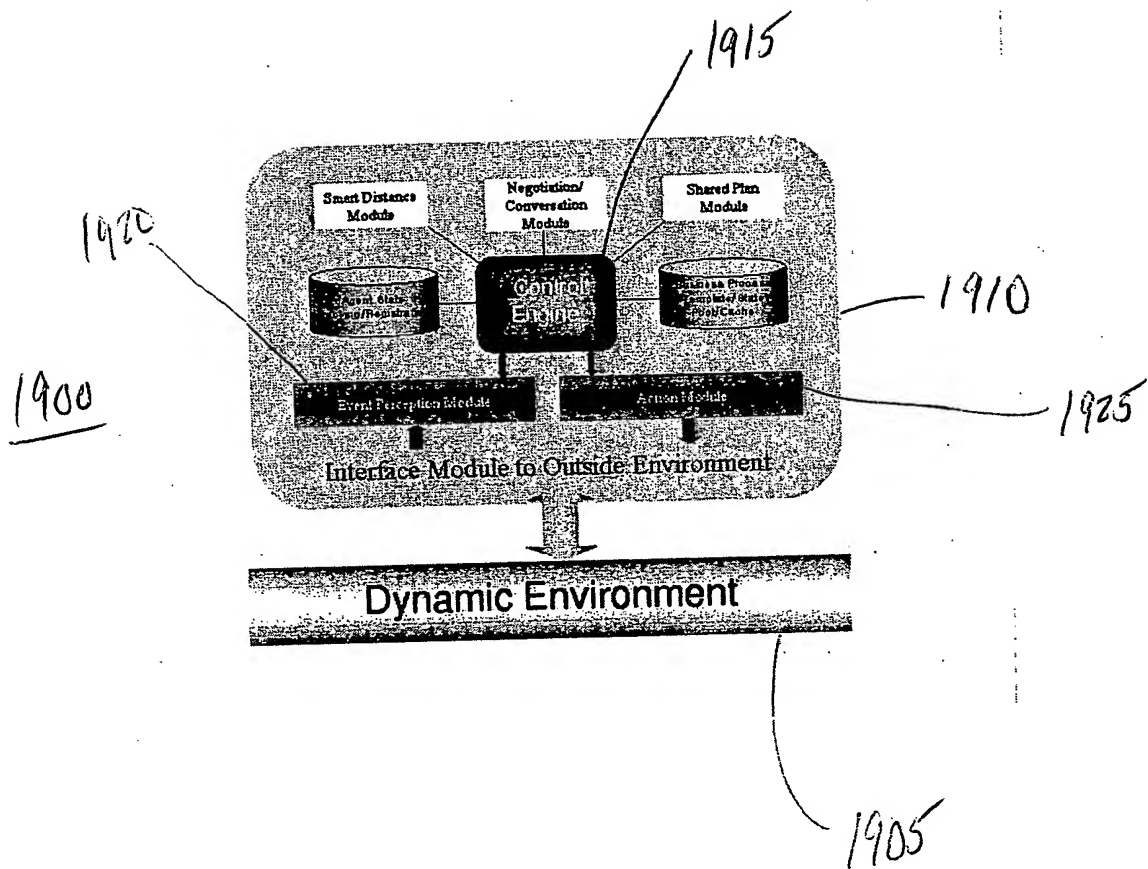


Figure 19

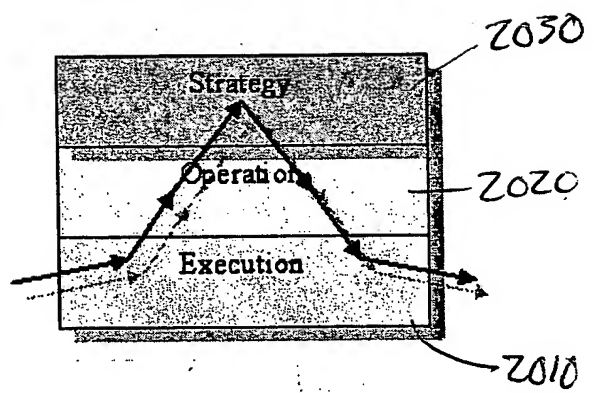


Figure 20

2100

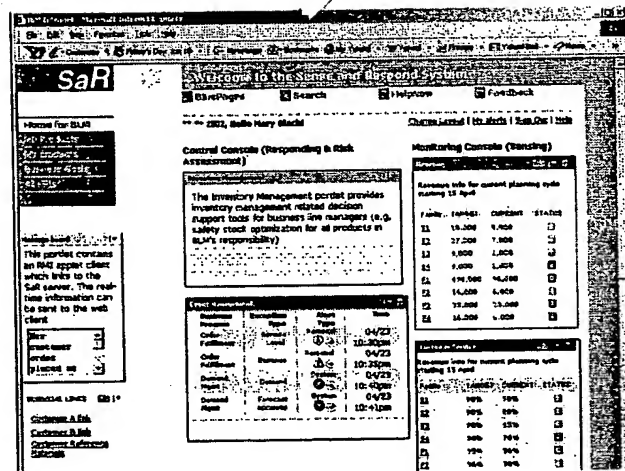


Figure 21.

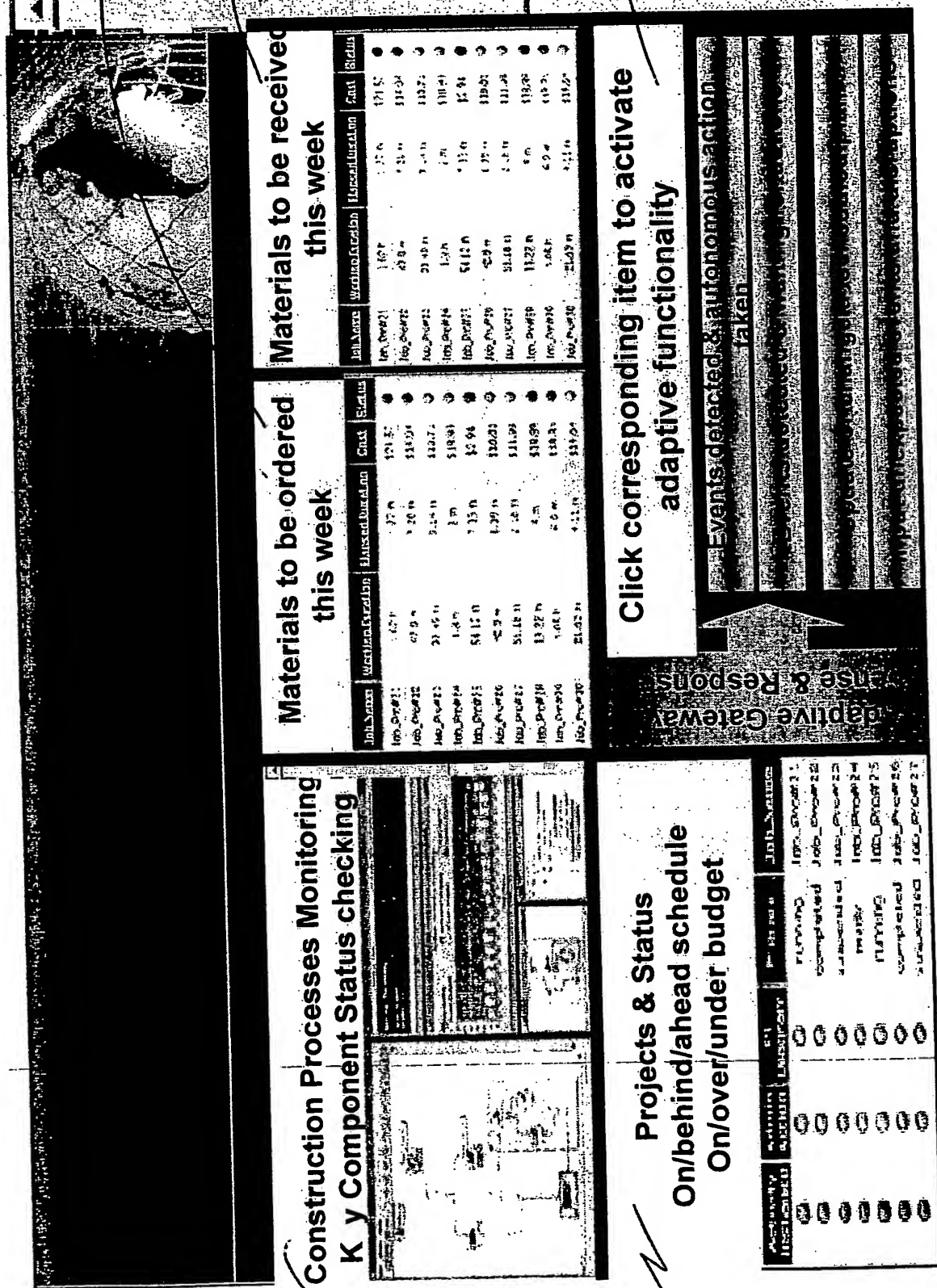


Figure 22.

2200



# Events detected & autonomous action taken

Detected Event Lists  
Click an item to show actions

Job Name	Work Item Location	Elapsed Duration	Cost	Status
Job_P00001	1000	1.00 m	\$21.42	●
Job_P00002	1000	1.00 m	\$30.04	●
Job_P00003	1000	1.00 m	\$10.72	●
Job_P00004	1000	1.00 m	\$10.90	●
Job_P00005	1000	1.00 m	\$2.94	●
Job_P00006	1000	1.00 m	\$33.03	●
Job_P00007	1000	1.00 m	\$11.09	●
Job_P00008	1000	1.00 m	\$19.28	●
Job_P00009	1000	1.00 m	\$10.81	●
Job_P00010	1000	1.00 m	\$13.04	●

Autonomous Actions  
Taken

Job Name	Work Item Location	Elapsed Duration	Cost	Status
Job_P00001	1000	1.00 m	\$21.42	●
Job_P00002	1000	1.00 m	\$30.04	●
Job_P00003	1000	1.00 m	\$10.72	●
Job_P00004	1000	1.00 m	\$10.90	●
Job_P00005	1000	1.00 m	\$2.94	●
Job_P00006	1000	1.00 m	\$33.03	●
Job_P00007	1000	1.00 m	\$11.09	●
Job_P00008	1000	1.00 m	\$19.28	●
Job_P00009	1000	1.00 m	\$10.81	●
Job_P00010	1000	1.00 m	\$13.04	●

Possible Action Sets  
Considered by

Job Name	Work Item Location	Elapsed Duration	Cost	Status
Job_P00001	1000	1.00 m	\$21.42	●
Job_P00002	1000	1.00 m	\$30.04	●
Job_P00003	1000	1.00 m	\$10.72	●
Job_P00004	1000	1.00 m	\$10.90	●
Job_P00005	1000	1.00 m	\$2.94	●
Job_P00006	1000	1.00 m	\$33.03	●
Job_P00007	1000	1.00 m	\$11.09	●
Job_P00008	1000	1.00 m	\$19.28	●
Job_P00009	1000	1.00 m	\$10.81	●
Job_P00010	1000	1.00 m	\$13.04	●

Performance

Job Name	Work Item Location	Elapsed Duration	Cost	Status
Job_P00001	1000	1.00 m	\$21.42	●
Job_P00002	1000	1.00 m	\$30.04	●
Job_P00003	1000	1.00 m	\$10.72	●
Job_P00004	1000	1.00 m	\$10.90	●
Job_P00005	1000	1.00 m	\$2.94	●
Job_P00006	1000	1.00 m	\$33.03	●
Job_P00007	1000	1.00 m	\$11.09	●
Job_P00008	1000	1.00 m	\$19.28	●
Job_P00009	1000	1.00 m	\$10.81	●
Job_P00010	1000	1.00 m	\$13.04	●

Do you want to allow this autonomous  
Response in the future

Yes

No

Figure 23

2300

2320

2335

2350

2310

2340

2340



### Detected Event Lists

Click an item to show actions

Item Name	Warning Location	Warning Location	Cost	Radius
Item_000001	1.021	1.021	121.57	●
Item_000002	47.9 m	47.9 m	116.04	●
Item_000003	21.40 m	21.40 m	110.72	●
Item_000004	1.1 m	1.1 m	110.90	●
Item_000005	51.12 m	51.12 m	115.94	●
Item_000006	42.9 m	42.9 m	110.02	●
Item_000007	51.18 m	51.18 m	111.96	●
Item_000008	17.32 m	17.32 m	110.99	●
Item_000009	1.05 m	1.05 m	110.95	●
Item_000010	21.55 m	21.55 m	110.50	●

### Suggested Actions Based on Optimizer

Item Name	Warning Location	Warning Location	Cost	Radius
Item_000001	1.021	1.021	101.47	●
Item_000002	47.9 m	47.9 m	114.21	●
Item_000003	21.40 m	21.40 m	112.72	●
Item_000004	1.1 m	1.1 m	110.41	●
Item_000005	51.12 m	51.12 m	115.04	●
Item_000006	42.9 m	42.9 m	110.02	●
Item_000007	51.18 m	51.18 m	111.01	●
Item_000008	17.32 m	17.32 m	110.89	●
Item_000009	1.05 m	1.05 m	110.89	●
Item_000010	21.55 m	21.55 m	110.51	●

### Possible Alternative Action Sets Based on Adaptive Engine

Item Name	Warning Location	Warning Location	Cost	Radius
Item_000001	1.021	1.021	121.57	●
Item_000002	47.9 m	47.9 m	116.04	●
Item_000003	21.40 m	21.40 m	110.72	●
Item_000004	1.1 m	1.1 m	110.90	●
Item_000005	51.12 m	51.12 m	115.94	●
Item_000006	42.9 m	42.9 m	110.02	●
Item_000007	51.18 m	51.18 m	111.96	●
Item_000008	17.32 m	17.32 m	110.99	●
Item_000009	1.05 m	1.05 m	110.95	●
Item_000010	21.55 m	21.55 m	110.50	●

### Performance

Item Name	Warning Location	Warning Location	Cost	Radius
Item_000001	1.021	1.021	121.57	●
Item_000002	47.9 m	47.9 m	116.04	●
Item_000003	21.40 m	21.40 m	110.72	●
Item_000004	1.1 m	1.1 m	110.90	●
Item_000005	51.12 m	51.12 m	115.94	●
Item_000006	42.9 m	42.9 m	110.02	●
Item_000007	51.18 m	51.18 m	111.96	●
Item_000008	17.32 m	17.32 m	110.99	●
Item_000009	1.05 m	1.05 m	110.95	●
Item_000010	21.55 m	21.55 m	110.50	●

Click to input inference engine

Do you want to make this an autonomous Response in the future

Yes

No

Figure 24

2400

2420

2435

2460

2482

2490

2490

# Select the Scheduled Plan

Select or input the Changes/Updates

Effects of the Selected Changes Based on Inference Engine

Do you want to accept the changes And updates

Job Name	Workstation	Resource	Cost	Status
Job_P0001	1.00	1.00	121.50	●
Job_P0002	2.00	2.00	121.50	●
Job_P0003	3.00	3.00	121.50	●
Job_P0004	4.00	4.00	121.50	●
Job_P0005	5.00	5.00	121.50	●
Job_P0006	6.00	6.00	121.50	●
Job_P0007	7.00	7.00	121.50	●
Job_P0008	8.00	8.00	121.50	●
Job_P0009	9.00	9.00	121.50	●
Job_P0010	10.00	10.00	121.50	●

Job Name	Workstation	Resource	Cost	Status
Job_P0001	1.00	1.00	121.50	●
Job_P0002	2.00	2.00	121.50	●
Job_P0003	3.00	3.00	121.50	●
Job_P0004	4.00	4.00	121.50	●
Job_P0005	5.00	5.00	121.50	●
Job_P0006	6.00	6.00	121.50	●
Job_P0007	7.00	7.00	121.50	●
Job_P0008	8.00	8.00	121.50	●
Job_P0009	9.00	9.00	121.50	●
Job_P0010	10.00	10.00	121.50	●

Do you want to accept the changes And updates

Yes No

2552

Figure 25



### Select or input the unexpected events

Job Name	Weighted Frequency	Expected Duration	Cost	Status
Job_P00001	1.00 E	1.27 m	121.87	●
Job_P00002	0.70 m	1.30 m	131.04	●
Job_P00003	1.10 m	1.30 m	131.04	●
Job_P00004	1.30 m	1.30 m	131.04	●
Job_P00005	1.30 m	1.30 m	131.04	●
Job_P00006	1.30 m	1.30 m	131.04	●
Job_P00007	1.30 m	1.30 m	131.04	●
Job_P00008	1.30 m	1.30 m	131.04	●
Job_P00009	1.30 m	1.30 m	131.04	●
Job_P00010	1.30 m	1.30 m	131.04	●

### The Inference engine Suggested responses

Job Name	Weighted Frequency	Expected Duration	Cost	Status
Job_P00001	1.00 E	1.27 m	121.87	●
Job_P00002	0.70 m	1.30 m	131.04	●
Job_P00003	1.10 m	1.30 m	131.04	●
Job_P00004	1.30 m	1.30 m	131.04	●
Job_P00005	1.30 m	1.30 m	131.04	●
Job_P00006	1.30 m	1.30 m	131.04	●
Job_P00007	1.30 m	1.30 m	131.04	●
Job_P00008	1.30 m	1.30 m	131.04	●
Job_P00009	1.30 m	1.30 m	131.04	●
Job_P00010	1.30 m	1.30 m	131.04	●

### Select or input responses

Job Name	Weighted Frequency	Expected Duration	Cost	Status
Job_P00001	1.00 E	1.27 m	121.87	●
Job_P00002	0.70 m	1.30 m	131.04	●
Job_P00003	1.10 m	1.30 m	131.04	●
Job_P00004	1.30 m	1.30 m	131.04	●
Job_P00005	1.30 m	1.30 m	131.04	●
Job_P00006	1.30 m	1.30 m	131.04	●
Job_P00007	1.30 m	1.30 m	131.04	●
Job_P00008	1.30 m	1.30 m	131.04	●
Job_P00009	1.30 m	1.30 m	131.04	●
Job_P00010	1.30 m	1.30 m	131.04	●

Click if you think  
The inference engine  
Can be enhanced  
And modify the engine

Do you want adaptive enterprise to handle  
The unexpected events autonomously in the future

Yes

No

2600

Figure 26

2630

2640

2620

2610

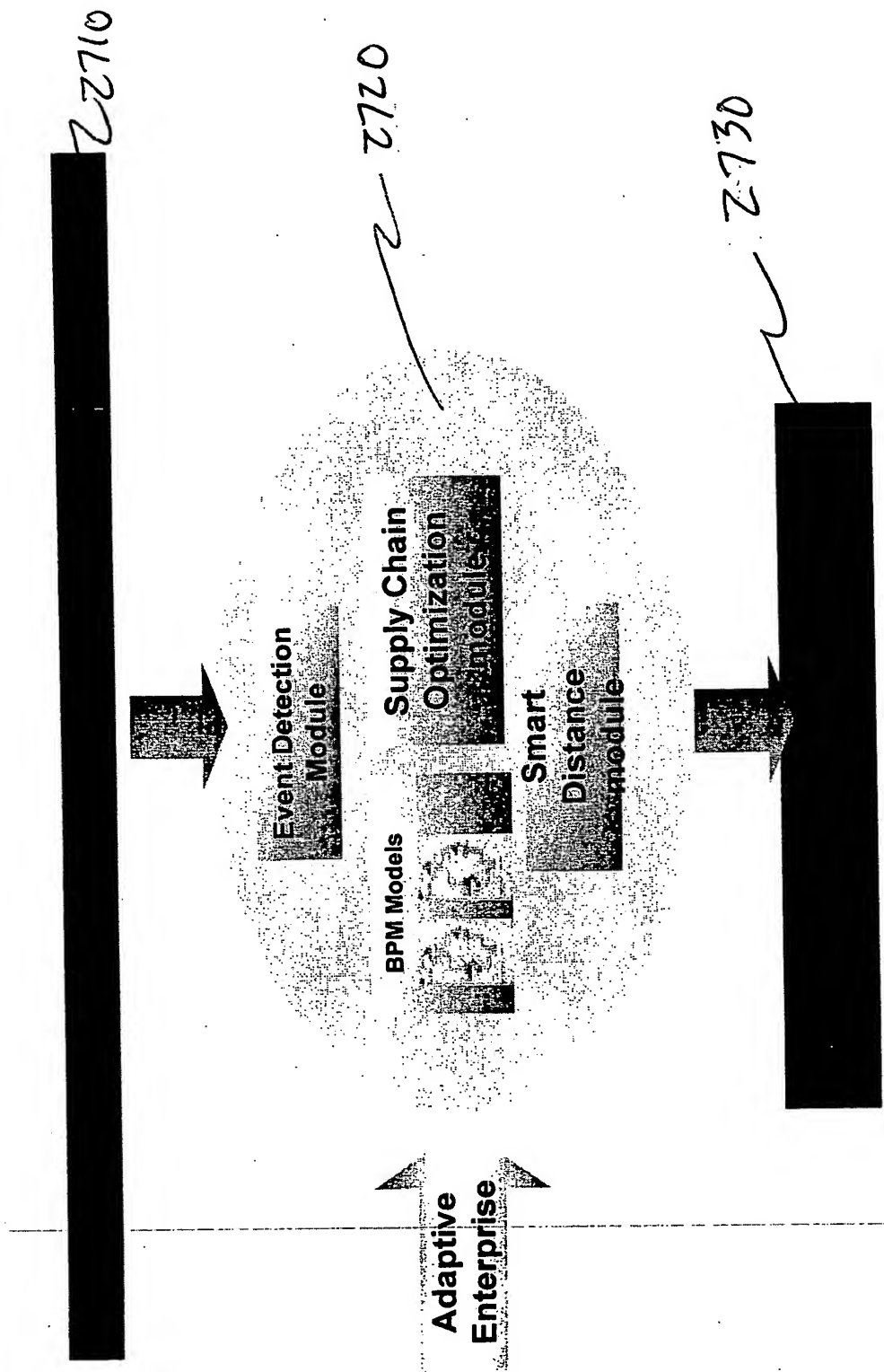


Figure 27

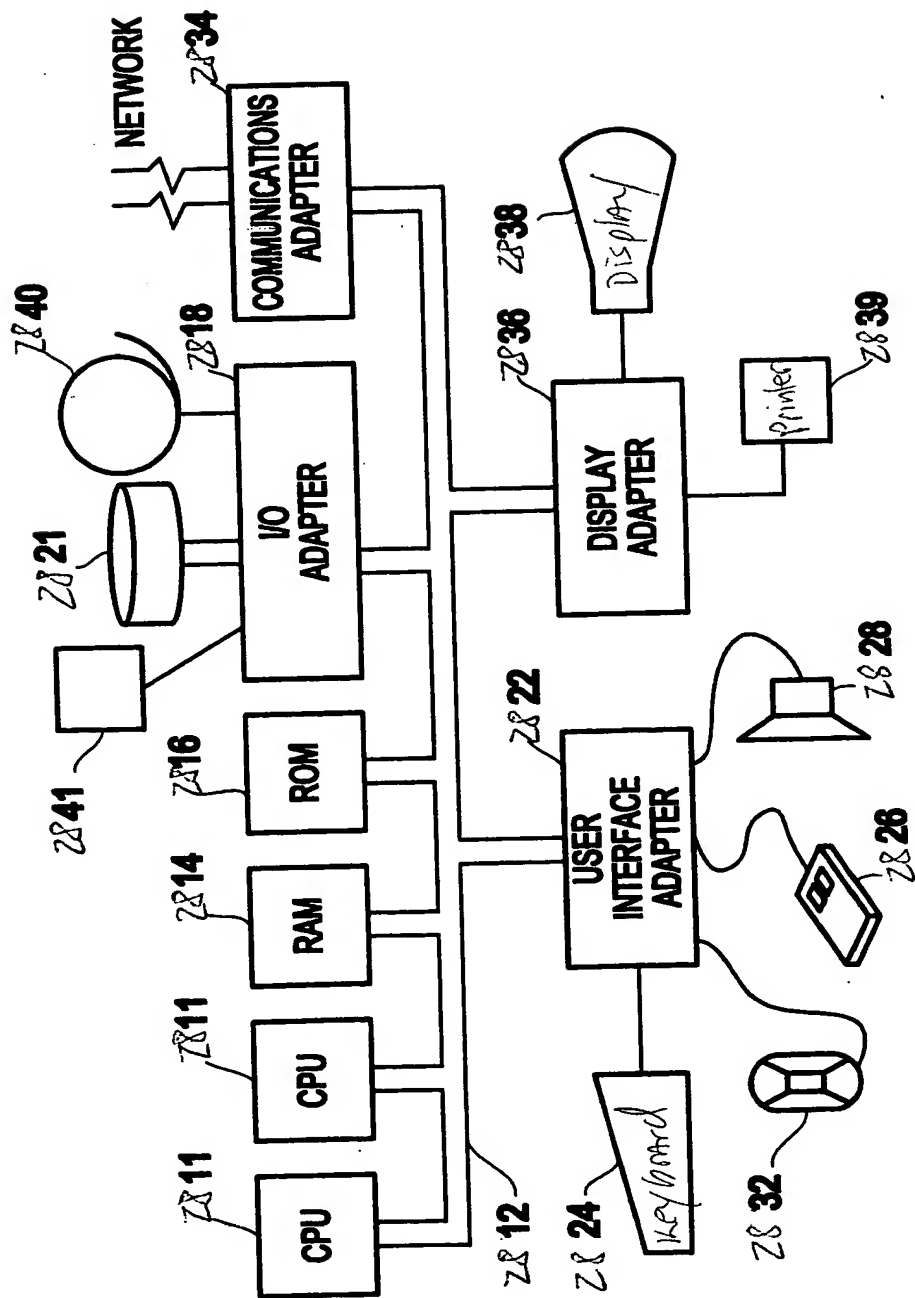


FIG. 28

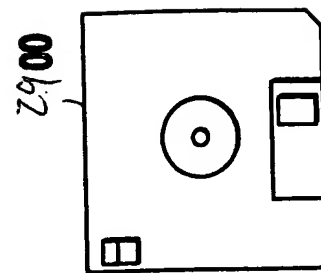


FIG. 29